

AN 1990-11316 DRUGU P
TI Suppression of Mitogen- and Antigen-Induced Lymphocyte Proliferation by
Lanthanides.
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LO Bern, Switzerland; Pittsburgh, Pennsylvania, United States
SO Experientia (45, No. 11-12, 1129-31, 1989) 4 Fig. 33 Ref.
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AV Research Laboratory for Biomaterials, Inselspital, University of Bern,
CH-3010 Bern, Switzerland.
LA English
DT Journal
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FS Literature
AB **Lanthanum** (La³⁺), samarium (Sm³⁺), erbium (Er³⁺) and lutetium
(Lu³⁺) inhibited the proliferative response of human lymphocytes to con A,
pokeweed mitogen (PWM), phytohemagglutinin (PHA) and the 'purified
protein derivative' (PPD) of the tuberculin in descending order of
potency. It is speculated that lanthanides (Ln³⁺) might find therapeutic
use in **arthritis**.

↑
Speculation